

Patent Abstracts of Japan

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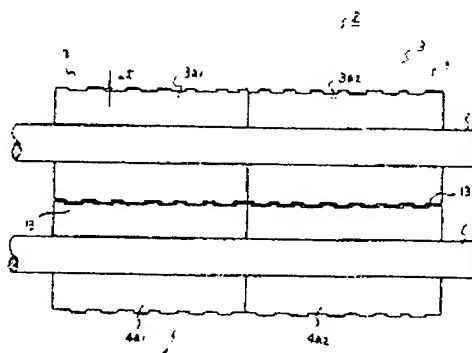
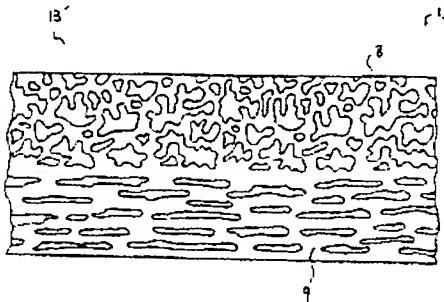
APPLICATION DATE : 23-04-88
APPLICATION NUMBER : 63100847

APPLICANT : IG TECH RES INC;

INVENTOR : AOYANAGI MITSUYOSHI;

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TITLE : SPLIT TYPE CONTINUOUS
EMBOSSING PROCESSING ROLL
DEVICE



ABSTRACT : PURPOSE: To enable the title device to form easily an original decorative surface where different patterns are combined with each other, by a method wherein an embossing roll is formed by juxtaposing and fixing at least two top and bottom roll groups whose surfaces are provided with necessary uneven patterns.

CONSTITUTION: A top and bottom roll groups 3, 4 in an embossing roll 2 are controlled by a motor-driven gear mechanism so that they turn relatively at the same speed. Then right and left of the surfaces of those top and bottom roll groups 3, 4 are embossed with uneven patterns 8, 9 different from each other, the top and bottom uneven patterns 8, 9 embossed are engaged with each other and the top and bottom roll groups 3, 4 are turned without sliding. Embossing processing of a sheet material 13 sent into among those top and bottom roll groups 3, 4 is performed as a sheet material 13' showing such a natural pattern change as not to discriminate a boundary between uneven patterns 8, 9.

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